

REGISTRATION - WATERSHEDS 103:  
TMDL TRAINING FOR STATE  
PRACTITIONERS

March 23, 2000

Registration will be on a first come, first served basis. Space is limited so early registration is encouraged. Questions regarding registration can be directed to Theresa Van Horn by phone, 916/657-1495, or by e-mail: [tvanhorn@exec.swrcb.ca.gov](mailto:tvanhorn@exec.swrcb.ca.gov)

REGISTRATION FORM

*(Make a copy of this form if you wish to keep the program on the reverse side intact)*

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_

Fax: (\_\_\_\_) \_\_\_\_\_

E-mail: \_\_\_\_\_

Mail, fax, or e-mail your registration to:

Theresa Van Horn  
901 P. Street  
Sacramento, CA 95814  
E-mail: [tvanhorn@exec.swrcb.ca.gov](mailto:tvanhorn@exec.swrcb.ca.gov)  
Fax: 916/657-2394

Quality and Training Office  
State WRCB  
901 P. Street  
Sacramento, CA 95814



The Watershed Academy Presents

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Watersheds 103

TMDL TRAINING FOR STATE  
PRACTITIONERS

*A Training Workshop*

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*March 23, 2000  
State of California Resources Agency  
First Floor Auditorium  
1416 Ninth Street  
Sacramento, CA*

*A workshop cosponsored by*



*U.S. Environmental Protection Agency's  
Office of Wetlands, Oceans and Watersheds,  
U.S. EPA Region 9, and State Water Quality Control  
Board*

*Presented by Tetra Tech, Inc.*

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## ABOUT THE COURSE

This one-day course reviews the programmatic and technical components for developing total maximum daily loads (TMDLs) under Section 303(d) of the Clean Water Act. Section 303(d) requires that states develop lists of waters that do not meet state water quality standards, even after the application of technology-based and other required controls. States must establish priority rankings for waters on the list and develop TMDLs for these waters. A TMDL is a calculation of the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. This training provides critical information on how the technical basis for a TMDL can be developed. The TMDL information will be presented through lectures and relevant case study examples tailored to regional needs.

This course is sponsored by EPA's Office of Water, Office of Wetlands, Oceans and Watersheds, US EPA Region 9, and the State Water Control Board. The course is intended for those who will actually be developing TMDLs, including technical water resources staff and watershed managers from states, tribes, and territories; local governments; EPA regional and headquarters staff; and other interested watershed practitioners.

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## TENTATIVE AGENDA

Registration	7:30 - 8:15 a.m.
Introduction and Course Overview	8:15 - 8:30 a.m.
Introduction to TMDLs	8:30 - 10:15 a.m.
Program Overview	
TMDL Process	
TMDL Elements and Analysis	
Considerations	
TMDL Submittal	
<i>Break</i>	
Case Study 1	10:30 a.m. - noon
Examples being presented are tailored to specific waterbody types and regional considerations	
<i>Lunch (on your own)</i>	noon - 1:00 p.m.
Modeling and Analysis for Establishing TMDLs	1:00 - 2:15 p.m.
Development of the Analytical Approach	
Introduction to Modeling	
Available Models and Model Selection	
Model Application	
<i>Break</i>	
Case Study 2	2:30 - 3:30 p.m.
Discussion and Summary	3:30 - 4:30 p.m.

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## WORKSHOP LOCATION

This one-day workshop will be held at the State of California Resources Agency First Floor Auditorium in Sacramento. For directions to the site, contact Theresa Van Horn by phone: 916/657-1495 or by e-mail: [tvanhorn@exec.swrcb.ca.gov](mailto:tvanhorn@exec.swrcb.ca.gov).

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## HOTEL ACCOMMODATIONS

Attendees are responsible for their own arrangements. A list of nearby hotels can be obtained by contacting Theresa Van Horn by phone: 916/657-1495 or by e-mail: [tvanhorn@exec.swrcb.ca.gov](mailto:tvanhorn@exec.swrcb.ca.gov).

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## THE WATERSHED ACADEMY

The Watershed Academy supports a variety of efforts such as training and the development of reference materials to implement the watershed approach. For more information on the Academy, visit EPA's Web site at [www.epa.gov/owow/watershed/wacademy.html](http://www.epa.gov/owow/watershed/wacademy.html).

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## EPA's TMDL PROGRAM

For more information on EPA's TMDL Program including existing regulatory requirements, proposed regulations and guidance, State maps showing impaired waters, and other information, visit EPA's TMDL website at [www.epa.gov/owow/tmdl](http://www.epa.gov/owow/tmdl).